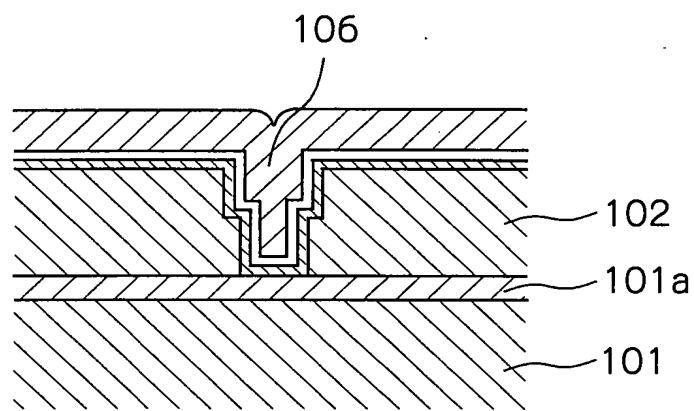
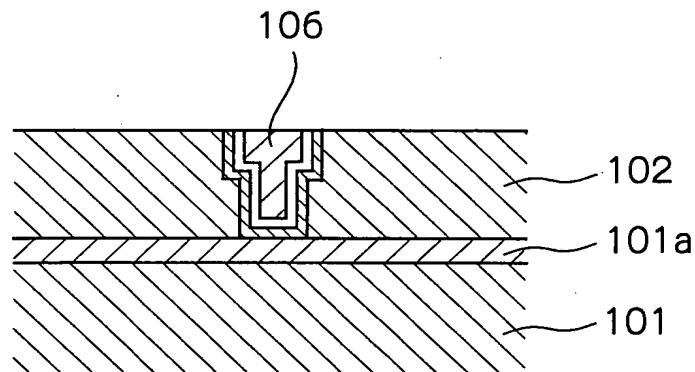


*Fig. 1a*

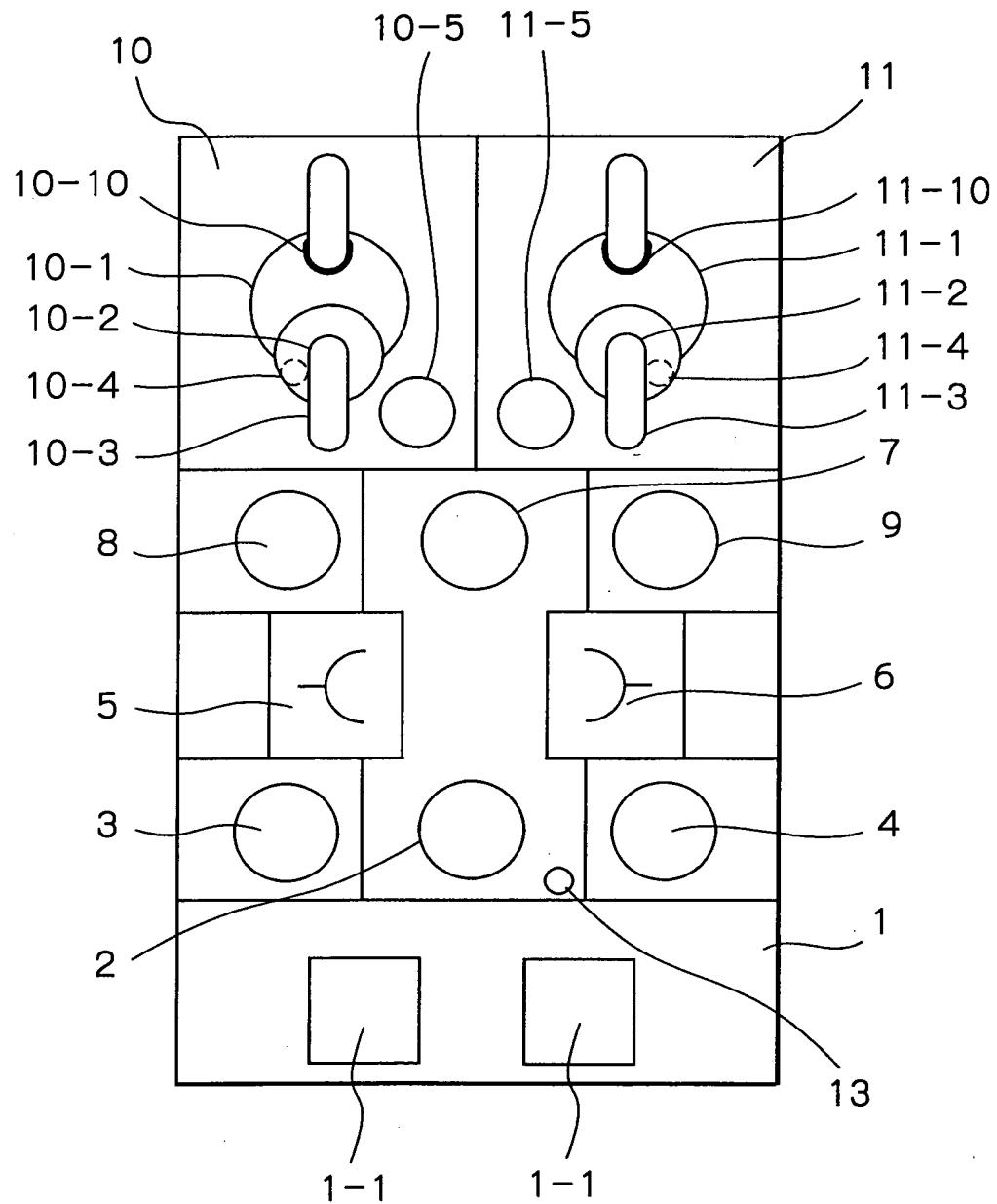


*Fig. 1b*

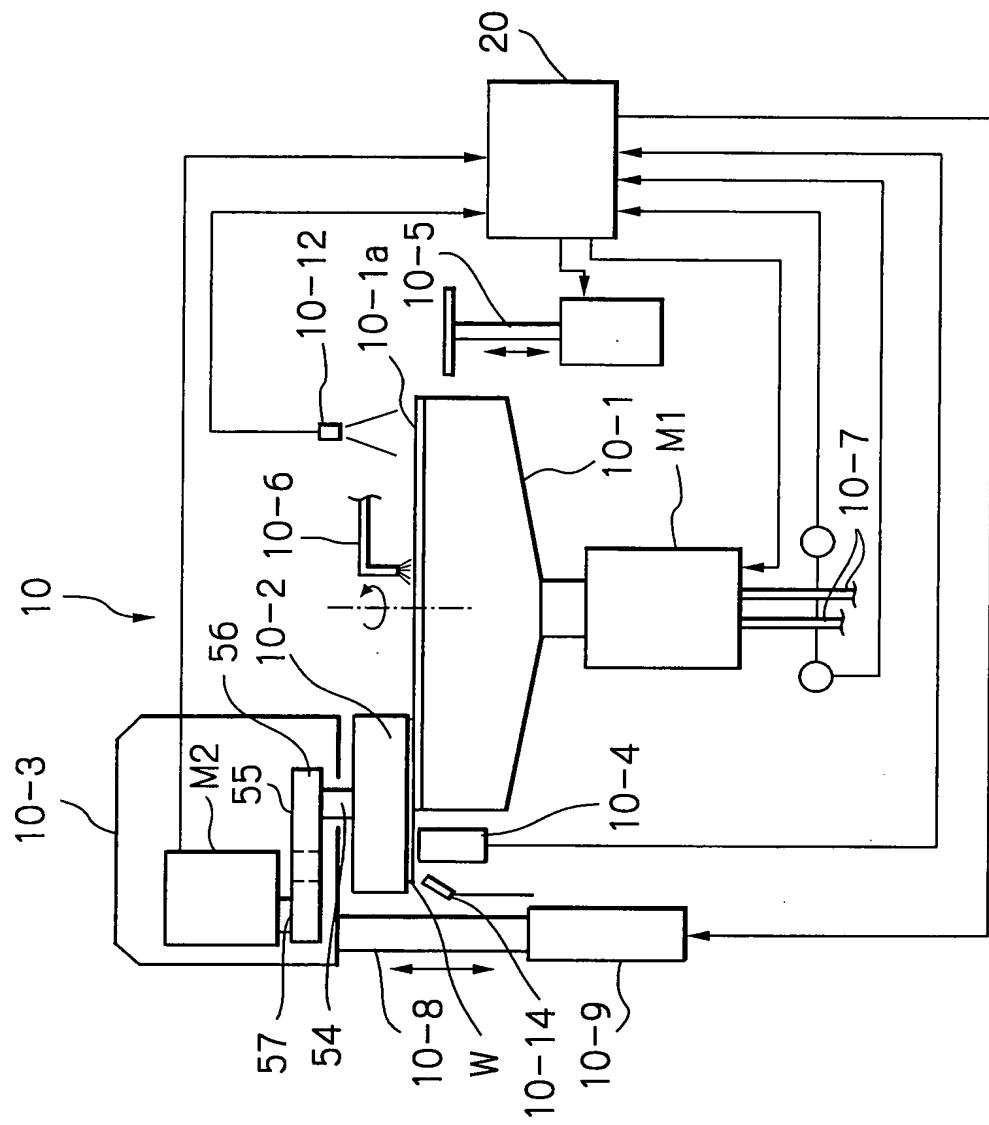


*Fig. 1c*

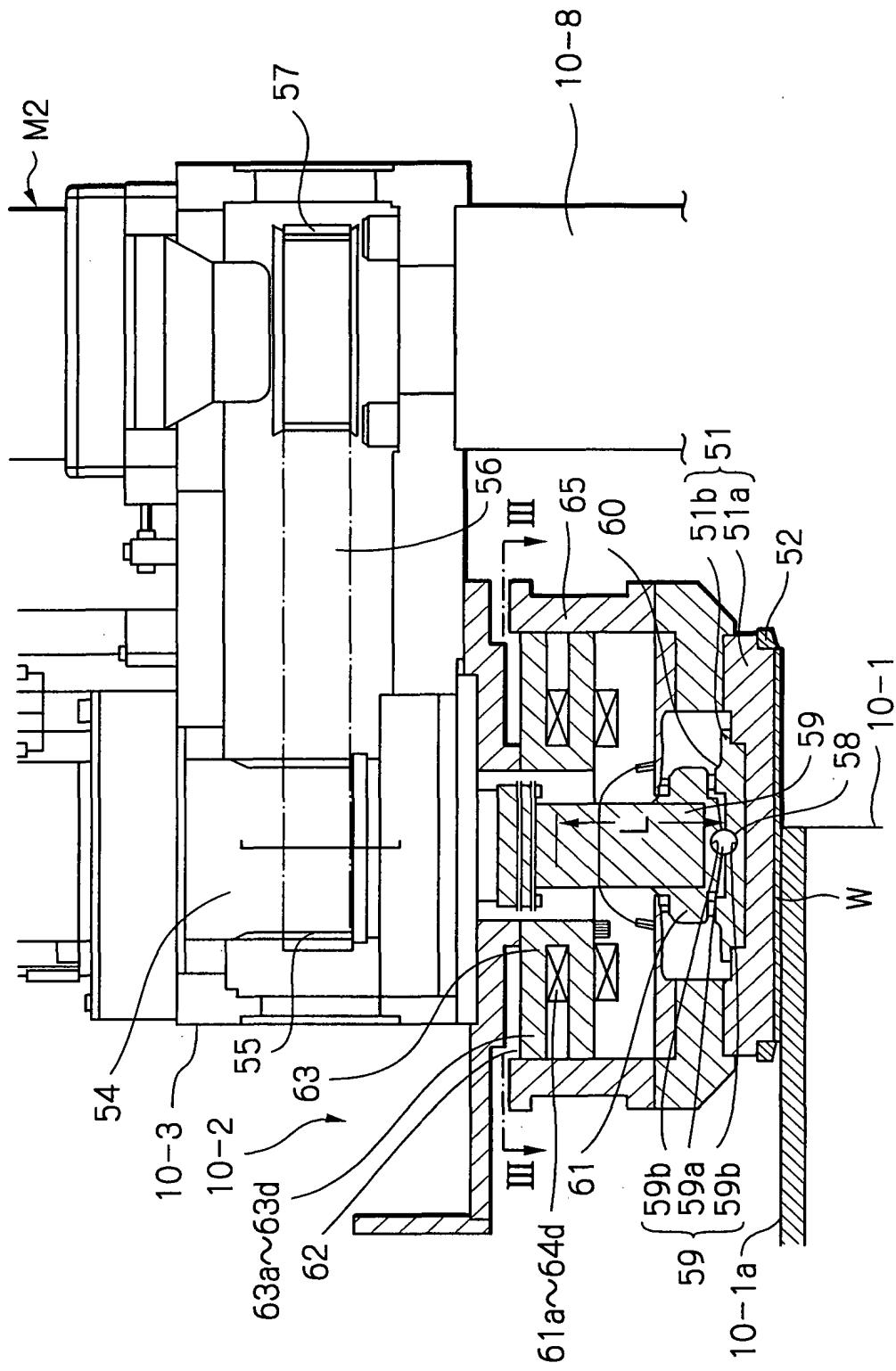
*Fig. 2*



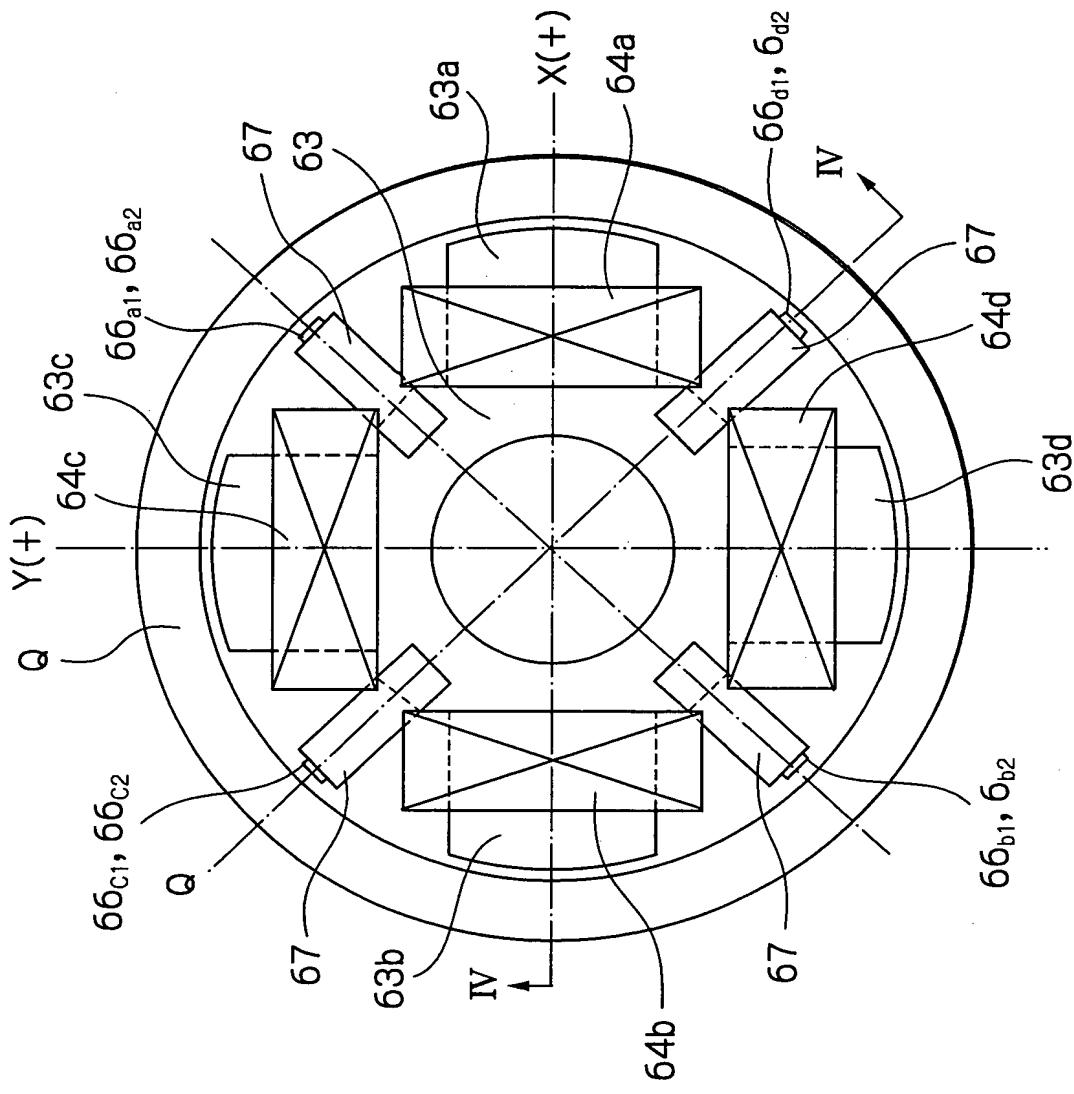
*Fig. 3*



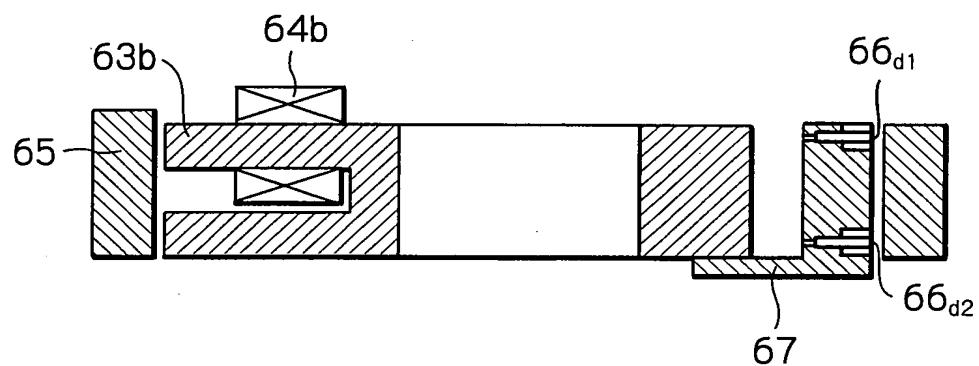
*Fig. 4*



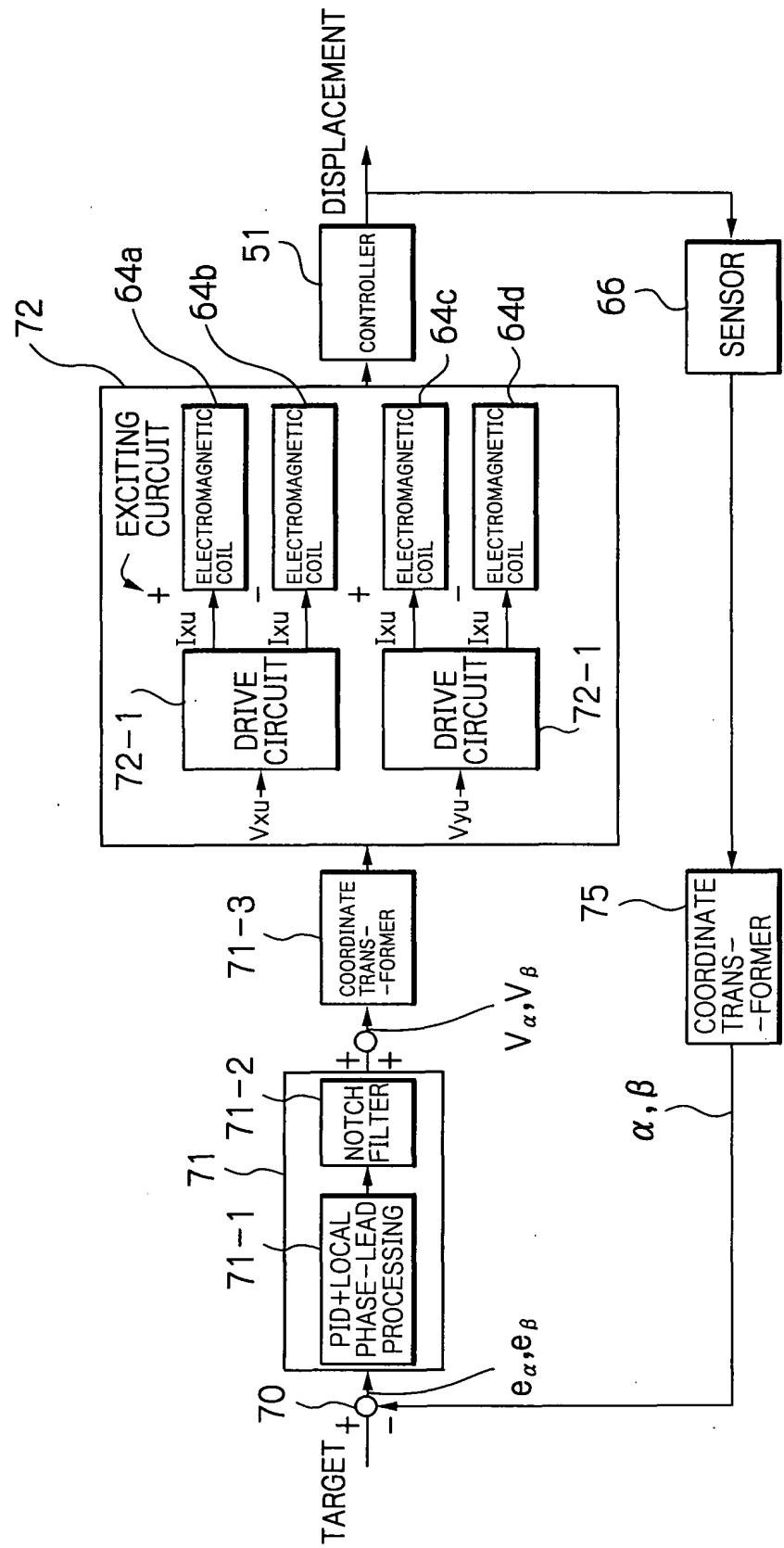
*Fig. 5*



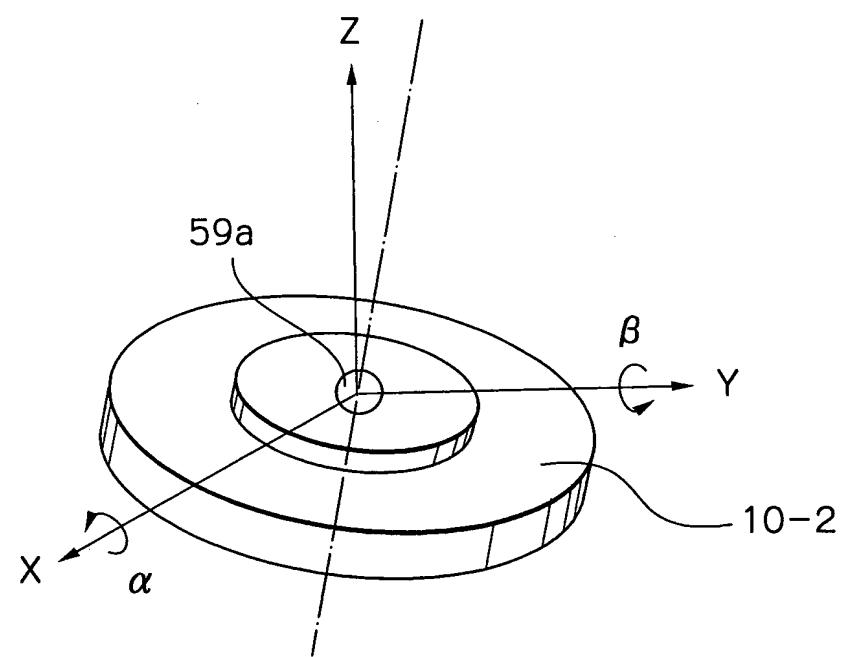
*Fig. 6*



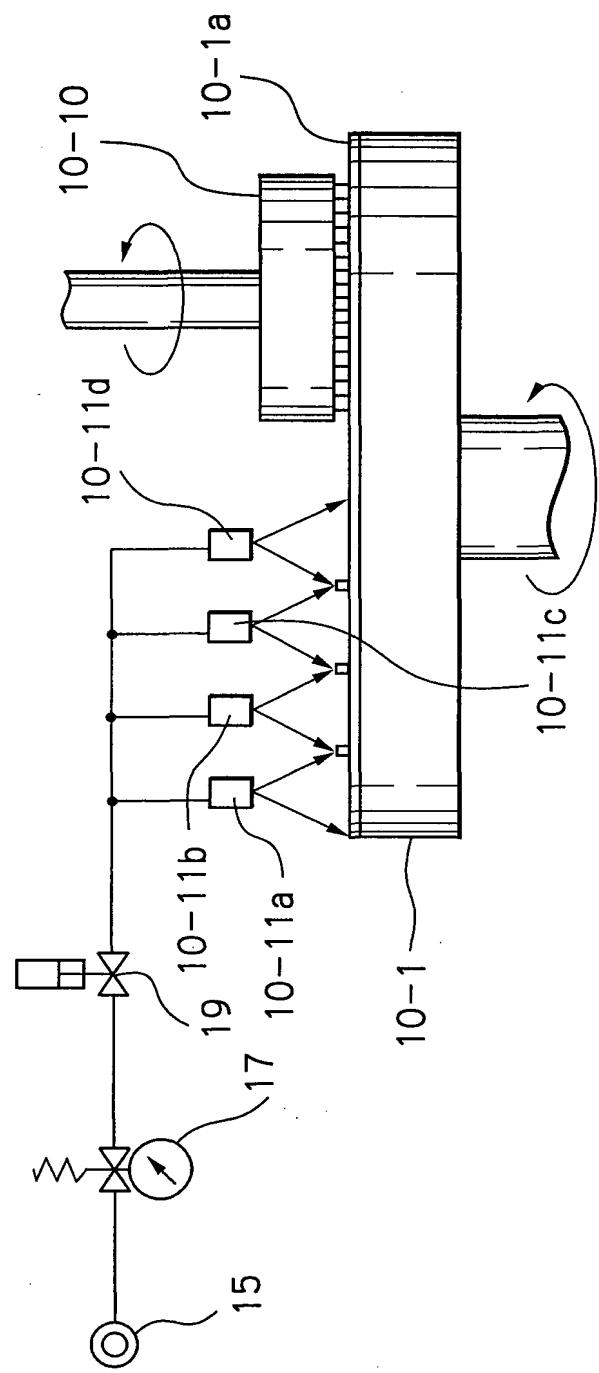
*Fig. 7*



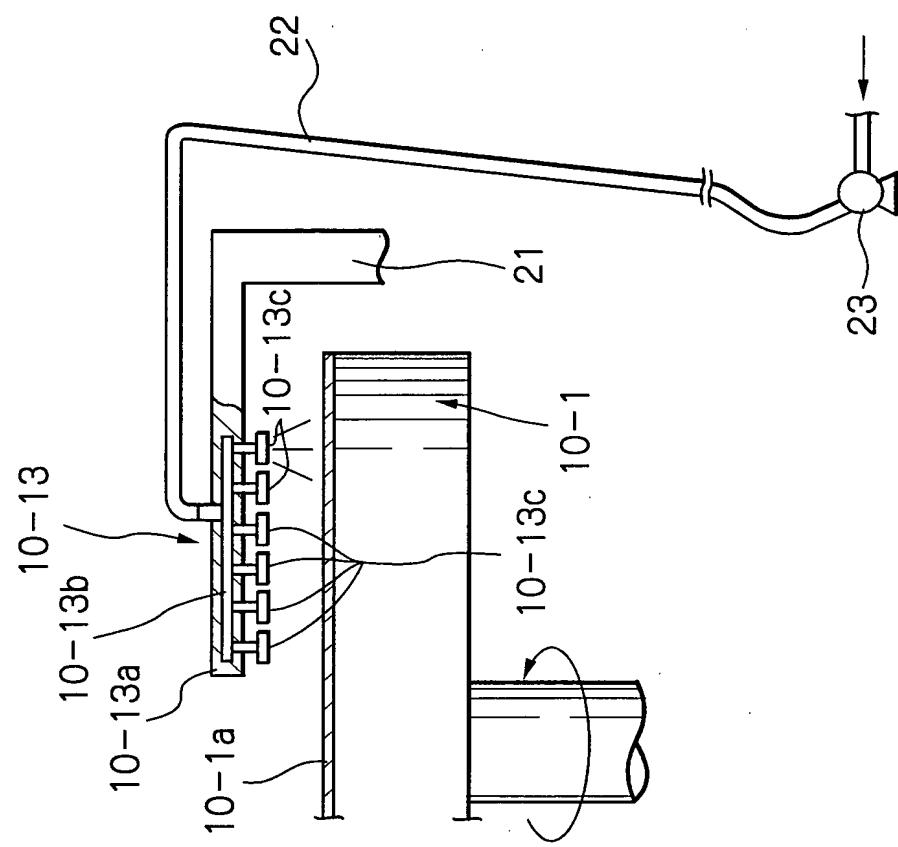
*Fig. 8*



*Fig. 9*



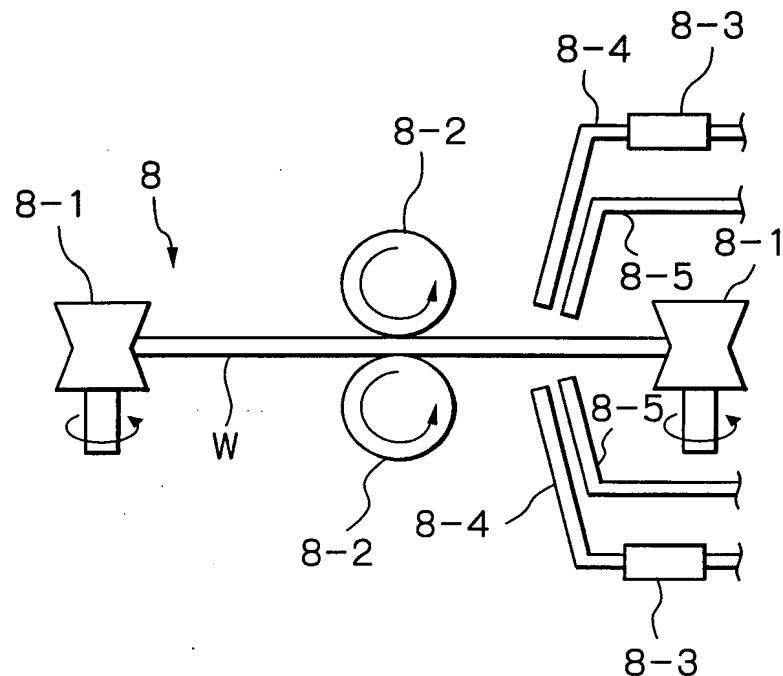
*Fig. 10*



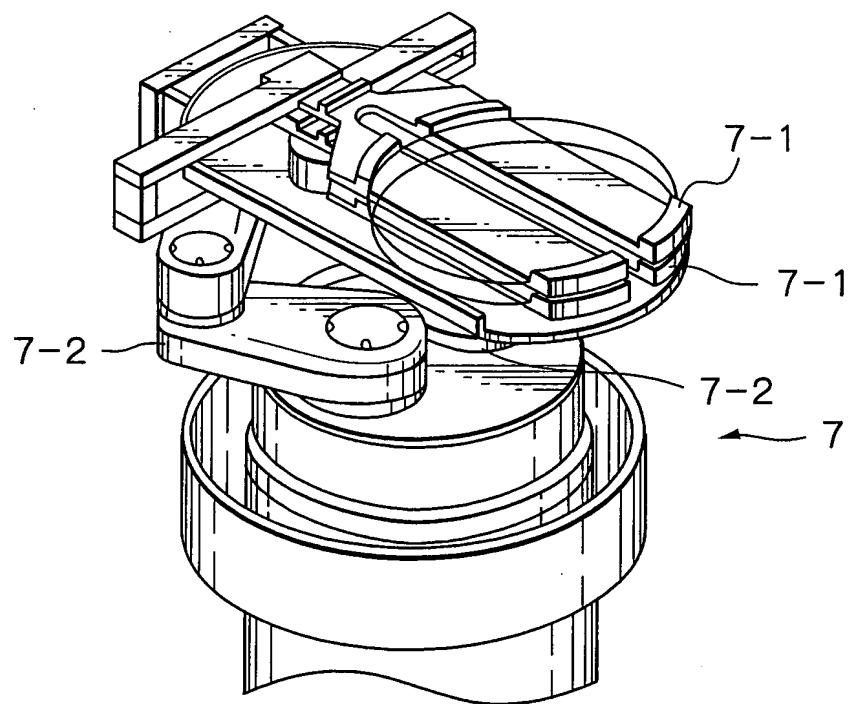
*Fig. 11*

	SLURRY	SUBSTRATE URGING FORCE	NUMBER OF REVOLUTIONS
FIRST POLISHING STEP ↓	SILICA BASE SLURRY FOR COPPER POLISHING	400 g/cm <sup>2</sup>	70 rpm
SECOND POLISHING STEP ↓	SILICA BASE SLURRY FOR COPPER POLISHING	200 g/cm <sup>2</sup>	70 rpm
END POINT ↓			
POLISHING SURFACE CLEANING ↓			
THIRD POLISHING STEP ↓	SILICA BASE SLURRY FOR Ta POLISHING	200 g/cm <sup>2</sup>	50 rpm

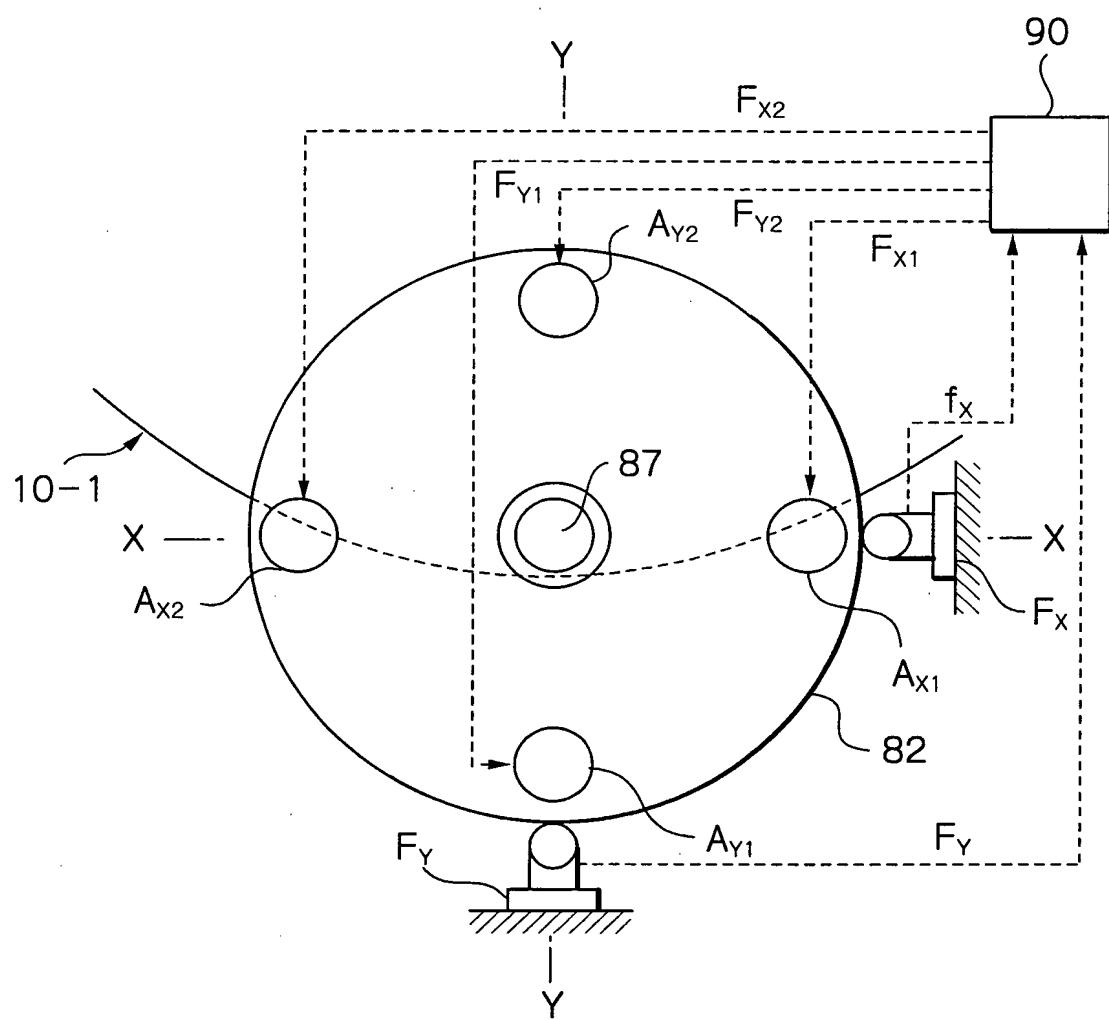
*Fig. 12*



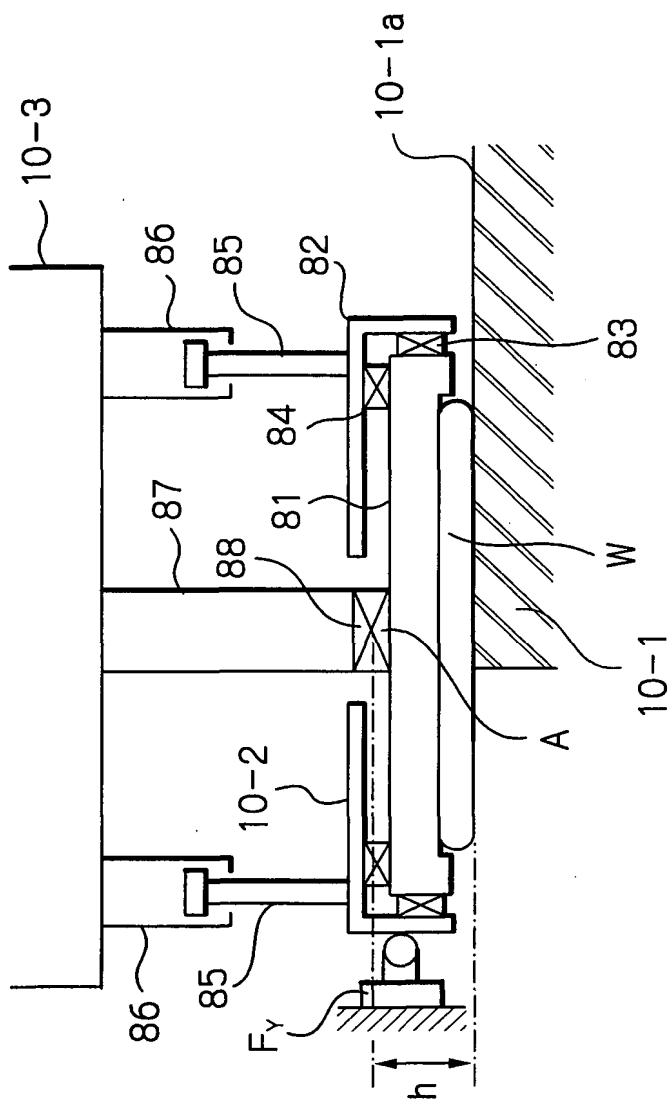
*Fig. 13*



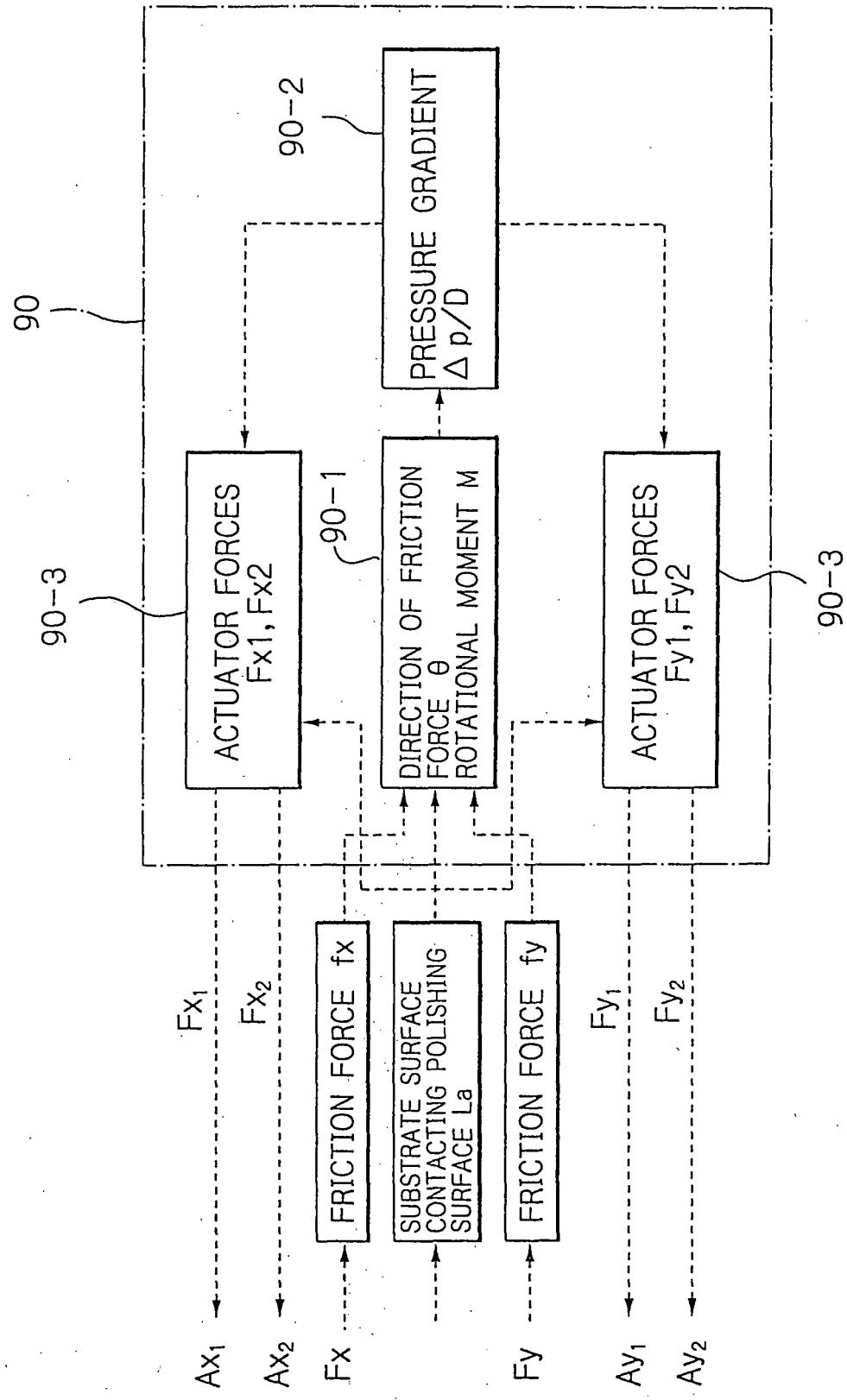
*Fig. 14*



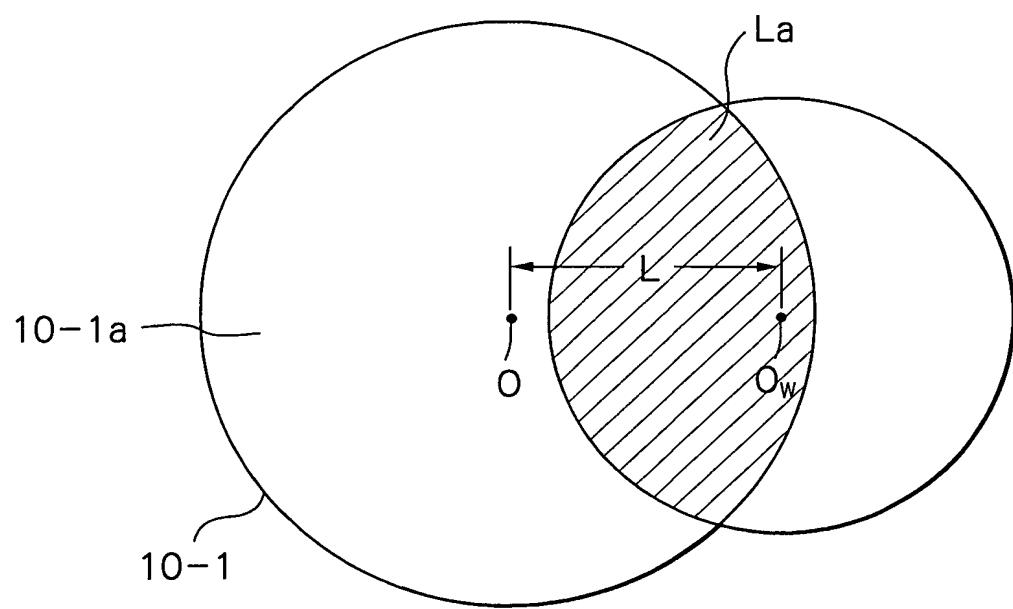
*Fig. 15*



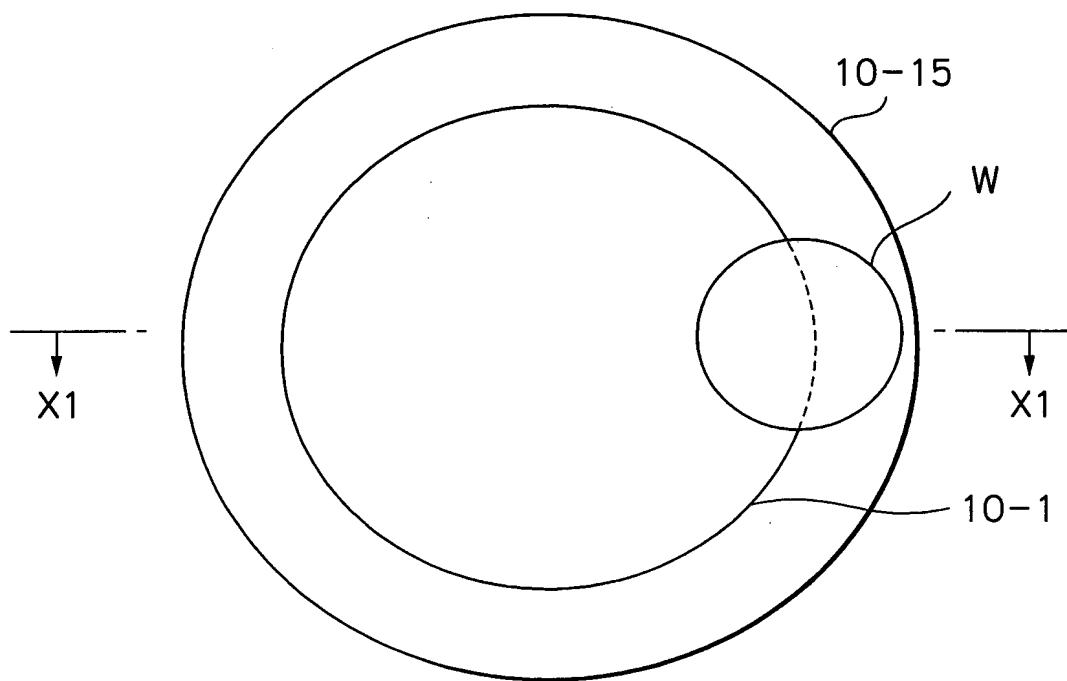
*Fig. 16*



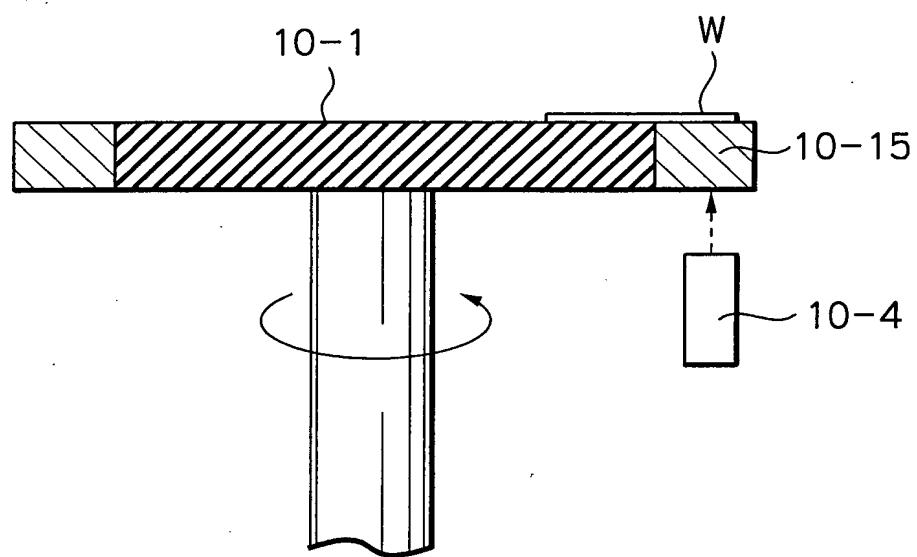
*Fig. 17*



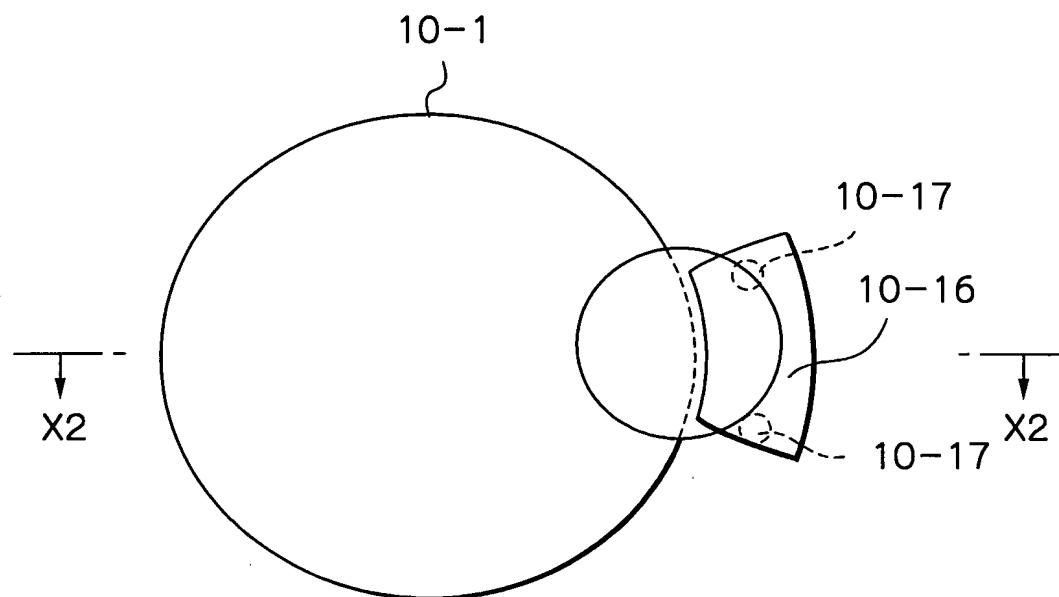
*Fig. 18*



*Fig. 19*



*Fig. 20*



*Fig. 21*

